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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/663,644	09/17/2003	Isamu Kaneyasu	031159	3814

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EXAMINER

EISEN, ALEXANDER

ART UNIT PAPER NUMBER

2629

DATE MAILED: 09/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/663,644

Applicant(s)

KANEYASU, ISAMU

Examiner

Alexander Eisen

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 2-5 and 7-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 7-14 is/are allowed.
- 6) ☒ Claim(s) 2-5 is/are rejected.
- 7) ☒ Claim(s) 7, 9 are objected to. (7 and 9)
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

***Claim Objections***

1. Claim 7 is objected to because of the following informalities: there is a typographical error in line 5 of the claim 7 "the signal that 5 is delivered" The numeral 5 should be deleted from the claim. Appropriate correction is required.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Page, US 5,107,189 (reference of record).

With respect to claim 2 Page discloses a method for controlling a video signal circuit (FIGS. 3-4) including a preamplifier circuit 37 for amplifying a video signal and adding a bias voltage (from gm amplifier 35) to the same and an output circuit 11 for amplifying power of the signal that is delivered from the preamplifier circuit, wherein a level of the bias voltage that is applied by the preamplifier circuit is changed in accordance with contents of the video signal (see feedback from the output circuit 11 through a resistor 19, gm 35 and a capacitor 38 providing a bias depending on the video signal; col. 6, lines 30-44).

While Page does not disclose that the video signal can be of either still image type or moving image type, it would have been obvious to one of ordinary skill in the art at the time

Art Unit: 2629

when the invention was made that video signals delivered to the video circuit can be of any well known type of a video signal, still and moving types including.

4. Claims 3-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ferreira, US 4,701,797 (reference of record).

With respect to claim 3 Ferreira discloses a video signal circuit (FIGS. 1-2) comprising a preamplifier circuit TR1 for amplifying a supplied video signal and adding a bias voltage (col. 6, line 40-47) to the same; an output circuit TR12 for amplifying power of the signal that is delivered from the preamplifier circuit Through resistor R44); and a variable bias circuit (diodes D1-D4 and potentiometer P2) for changing a level of the bias voltage that is added in the preamplifier circuit.

While Ferreira does not disclose that the video signal can be of either still image type or moving image type, it would have been obvious to one of ordinary skill in the art at the time when the invention was made that video signals delivered to the video circuit can be of any well known type of a video signal, still and moving types including.

As pertaining to claim 4, the output circuit TR12 amplifies power of the signal that is delivered from the preamplifier circuit TR1 and inverts the same (since the power transistor is a common emitter circuit the output amplified video signal from the collector of the transistor TR12 is inverted).

As pertaining to claim 5, changing the bias of the transistor TR1 by the potentiometer P2 would inherently effect the gain of the pre-amplifier based on the TR1 since it would move the quiescence point of the pre-amplifier along I/U characteristics curves.

***Allowable Subject Matter***

5. Claims 8 and 10-14 are allowed.

The reasons for allowance have been conveyed to the Applicant in the previous Office action.

Claims 7 and 9 would be allowable if appropriate correction is made to claim 7 as suggested in the section 1 above.

The indication of allowable subject matter in claim 2 is withdrawn in view of new considerations as conveyed in the new ground of rejection above.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Eisen whose telephone number is (571) 272-7687. The examiner can normally be reached on M-F (9:00-5:00).

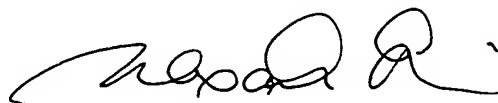
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sumati Lefkowitz can be reached on (571) 272-3638. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 10/663,644

Page 5

Art Unit: 2629

A handwritten signature in black ink, appearing to read 'Alexander Eisen', with a stylized flourish at the end.

Alexander Eisen  
Primary Examiner  
Art Unit 2629

21 March 2006